



# Fiber Test & Installation Products



Green Telecom Tech.Co.,Ltd.  
No.192,Beixing Road,Mazhu Town  
Yuyao City,315450 P.R.China

Tel: +86-574-6248 0538  
Fax: +86-574-6248 1666  
Email: info@greentel-tech.com

# Company Profile

## About Us

Registered in 1999, Green Telecom is professionally engaged in the integration and service of customized projects of deployment and detection of optical communication network. Green Telecom offers the most comprehensive selection of fiber-optical products to customers in different industries.

Green Telecom owns a factory of 40,000 square meters, with employees over 130 people, to manufacture 1) Telecom Racks and Cabinets 2) Plastic Fiber Termination Boxes 3) Fiber Passive Products 4) Fiber Test Instruments and etc.

Integrity and quality are two factors we hold in the highest regard, Green Telecom always keeps 'quality, service' as the guiding principle. As a highly flexible and competitive market player, we are always ready to provide our customers a most suitable and customized solution.



## Facilities



Factory Buildings



Passive Products Workroom



Plastic Injection and Metal Punching Workroom



Fiber Instruments Workroom

**Description**

The OFS-3000 is the world's most advanced core alignment optical fusion splicer. With a solid performance, the OFS-3000 is speed and work flow optimized. 9 second splice time and 16 seconds heat time make it the fastest available. Low loss splice performance in a compact ultra-ruggedized design.

**Features**

- Compact size, easy to carry
- 6-motors core alignment splicer
- 3.7 inch high resolution color LCD
- FAST! 9 s splicing and 16 s heating
- Battery Max. 200 cycles (splicing & heating)
- Electrode life 2500 times per pair
- X and Y views with 310 X magnification
- Fully ruggedized for shock, dust and moisture
- Up to 8,000 groups of splicing results storage
- Splicing mode © Auto & Manual Selection

**OFS-3000 Series  
Optical Fusion Splicer**



**SPECIFICATIONS**

Applicable Fibers	SM, MM, NZ-DS, EDF
Average Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF)
Fiber aligning method	Core alignment
Splicing time	Typical 9 s with standard SM fiber
Heating time	Typical 30-60s (10-250s adjustable)
Electrode life	2500
Battery capacity	Max. 200 cycles (splicing and heating)
Monitor	3.7 inch color LCD
Storage of splice result	8000 results
Tension Test	2.0N (200gf) (Standard)
Splicing Program	50 groups
Protection Sleeve Length	20mm, 40mm, 60mm
Environmental Conditions	-10~+50 (operation temperature), 0~95% RH(humidity), 0~5000m(altitude)
Power Supply	AC/DC adapter: input AC 100~240V, output DC 13.5V/4.0A
Dimensions	135 * 160 * 150
Weight	2.2 kg

**STANDARD PACKAGE**

Fiber Cleaver*1
Fiber Stripper*1
AC/DC Adapter*1
Battery*1
AC Power Cord*1
Spare Electrodes*1
Cooling Tray*1
Operation Manual*1



## Description

The worldwide spread of broadband service has stimulated the installation of optical fiber in metro and access networks, which in turn has increased the demand for portable and reliable test equipment to aid the installation and maintenance of these networks. An automated measurement function increases working efficiency, with a rugged design, HJ-2100 series OTDR are built for top ruggedness and versatility, perfect for the harshest test conditions to verify the continuity and evaluate signal characteristic quality over the fiber network.

## Features

- Multi dynamic range options
- SM & MM fiber network test options
- 850/1300/1310/1550/1490/1625/1650nm wavelength options, with filter
- FTTH/PON fiber network one-line test features
- High performance & easy to use OTDR
- On-line laser warning module to protect the fiber network
- Real-time test function, to monitor the fiber connection status
- Built-in VFL function to seek for the fiber breakout point
- Optional OPM, OLS, OLTS, Inspection Probe functions
- Multi language selections, friendly users interface
- 32G internal memory, store more than 100k graphs
- Screen snap-shot function, auto save as JPG files
- User-friendly OTDR simulation software shows details of events
- 1 x main USB interface + 1 x sub USB interface to connect external devices
- Optional WiFi module for the access of PC remotely
- 5.6 inch resistive touchscreen and dual li-on battery for power supply

## HJ-2100 Series

### OTDR(Optical Time Domain Reflector)



### Model & Specification

Model	Wavelength(nm)	Dynamic Range	Dead Zone(m)
HJ2100-S-A28	1310 /1550	28 /26	1/5
HJ2100-S-A32	1310 /1550	32/30	1/5
HJ2100-S-A35	1310 /1550	35/33	1/5
HJ2100-S-A37	1310 /1550	37/35	1/5
HJ2100-S-B26	1625	26	1/5
HJ2100-S-B32	1625	32	1/5
HJ2100-S-C26	1650	26	1/5
HJ2100-S-C32	1650	32	1/5
HJ2100-S-AB35	1310 /1550/1625	35/33/32	1/5
HJ2100-S-AC35	1310 /1550/1650	35/33/32	1/5
HJ2100-M26	850/1300	20/26	2/10
HJ2100-SM28	1310 /1550/850/1300	28/26/20/26	SM: 0.8/4 MM: 1.2/6
HJ2100-SM35	1310 /1550/850/1300	35/32/20/26	SM: 0.8/4 MM: 1.2/6

Technical Parameters		
Pulse Width	SM	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs
	MM	850nm: 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs
		1300nm: 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs
Dynamic Range	SM	100m, 500m, 2km, 5km, 10km, 20km, 40km, 80km, 120km, 160km, 240km
	MM	850mm: 500m, 2km, 5km, 10km
		1300mm: 500m, 2km, 5km, 10km, 20km, 40km, 80km
Sampling Resolution		Minimum 0.05m
Sampling Point		128,000 points
Linearity		<0.05dB
Loss Resolution		0.001dB
Distance Resolution		0.01m
Distance Accuracy		1m+distance $\times$ 3 $\times$ 10 <sup>-5</sup> + sampling resolution
VFL		10mW, CW/2Hz
Data Storage		> 100k traces
Display		5.6 inch TFT- LCD, touch screen operation
Interface		2 x USB ports (Type A x 1, Type B x 1)
Battery		Built-in Li-on battery pack x 2pcs (7.4V,2200mAh)
Working Temperature		-10°C~+50°C
Storage Temperature		-20°C~+70°C
Humidity		≤95% (non-condensing)
Size/Weight		226 x 160 x 69mm/1.1kg(include battery)
Accessories		Spire lamella, Power adapter, Li-on battery, SC adapter, USB cable, Manual
Optional Items		FC/SC/LC adapter, OPM, OLS, Wifi, Fiber Inspection Probe, Event Map, OLTS, GPS, IOT module
OPM		A Type: +10dBm to -70dBm; B Type: +23dBm to -50dBm
OLS		Output: -5dBm, Frequency: CW/270Hz/1KHz/2KHz

Ordering Information	
<b>Part number</b>	<b>HJ2100-XX1-Xxx2-XX3-XX4-XX5</b>
HJ2100	Series
XX1:	S: SM; M:MM; SM: SM/MM
Xxx2	A: 1310/1550nm; B:1625nm; C:1650nm; D: 1490nm
XX3	Optional Modules as below
P:	OPM
S:	OLS
G:	GPS
I:	IOT
E:	Event map
F:	Fiber inspection probe
W:	Wifi
XX4	Adapter – SC/FC/LC (default: SC)
XX5	Polish type: UPC/APC (default: APC)

**Description**

Power meters are part of most essential tools for all technicians installing or maintaining optical fiber networks. GreenTel power meters are well designed for all kinds of demanding applications on fiber measurement with different functions and parameters. With a rugged design, GreenTel OM-15 series power meters are built for top ruggedness and versatility, perfect for the harshest test conditions to verify the continuity and evaluate fiber link transmission quality.

**Features**

- 2.5mm universal ferrule for FC, SC, ST adapters
- High resolution LCD screen with back light
- Automatically wavelength detection (When working with GreenTel OS-15 light source)
- Auto-off if no operation in 10 minutes
- Energy save mode
- Pocket size design, easy to carry
- Reference value storage;
- Power autonomy of 100 hours
- 850/1300/1310/1490/1550/1625nm
- One-year warranty and Three-year recommended calibration interval

**OM-15 Series  
Optical Power Meter**



**Customization event**

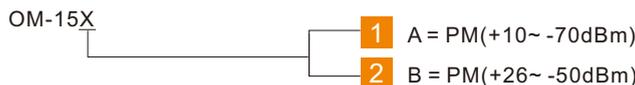
- ① OPM Measurement range
- ② Adaptor type
- ③ AC/DC Charging accessories
- ④ OEM service can be provided

**SPECIFICATIONS**

Model	OM-15A	OM-15B
Measurement Range(dBm)	+10~ -70	+26~ -50
Accuracy *	+/- 0.2 dB	
Calibrated Wavelengths	850nm / 1300nm / 1310nm / 1490nm / 1550nm / 1625nm	
Resolution	0.01dB	
Connector	Pre-installed SC/UPC Adaptor (additional FC/UPC with 2.5mm universal head)	
Reference Value storage	Yes	
Automatic Power Off	No operation in 10 minutes, Low battery alarm	
Back Light	Yes	
Detector Type	In GaAs	
Battery Charge	Yes	
Wave ID	Yes (when working in pair with GreenTel OS-15 light source)	
Power Capacity Display	Yes	
Power Supply	Input:AC 100-240V,50-60Hz Output: DC 5V/550mA	
Battery Life	Above 100 hours	
Power Supply	AA * 2 batteries or AC/DC power supply adapter	
Size(H*W*D)	150mm * 55mm * 35mm	
Weight	About 150g	
Storage Temperature	-20 -- +70 C, < 90%RH	
Operating Temperature	-10 -- +50 C, < 90%RH	

\* at 20.3 C, CW, with SC connector, -10dBm  
For 850nm, the Min. Power measurement: -60dBm@OM-15-A, -40dBm@OM-15-B

**ORDERING INFORMATION**



**Description**

Light sources are part of the toolbox essentials working in pair with power meters to measure the optical attenuation and eliminate the faults when telecom technicians install or maintain optical fiber networks. GreenTel OS-15 light sources are well designed for first-class versatility. With a rugged design, OS-15 light sources are built for top ruggedness, perfect for the harshest test conditions to verify the continuity and evaluate fiber link transmission quality.

**Features**

- 2-3 wavelengths output on a single port
- High stabilization, built-in optic isolator
- 270, 1000, 2000 Hz Tone
- Auto-Wave ID output (when work with GreenTel power meter OM-15)
- Back lighting LCD screen
- Energy save mode
- Power autonomy of 16 hours
- One-year warranty and Three-year recommended calibration interval

**OS-15 Series**  
**Optical Light Source**



**Customization event**

- ① Calibration wavelength
- ② SM or MM
- ③ Adaptor type
- ④ AC/DC Charging accessories
- ⑤ OEM service can be provided

**SPECIFICATIONS**

Model	OS-15S	OS-15M	OS-15T
Wavelength(nm)	1310/1550	850/1300	1310/1490/1550
Stabilization *	0.05dB / 1 hour; 0.1dB / 8 hours		
Output Power	> - 5dBm +/- 0.5dB (Laser: Class I)		
Modulation	270Hz, 1KHz, 2KHz		
Connector	Default SC/UPC adaptor (additional FC/UPC adaptor with 2.5mm universal head)		
Auto Power Off	No operation in 10 minutes , Low battery energy		
Spectral Width	3nm typical value		
Wave ID	Yes ( when working in pair with GreenTel OM-15 series power meter)		
Battery Charge	AA * 2 batteries or AC/DC power supply adapter		
Operate Time	Above 16 hours		
Power Supply	Input: AC 100-240V,50-60Hz / Output: DC 5V/550mA		

**GENERAL SPECIFICATIONS**

Size(H*W*D)	150mm *55mm * 35mm
Weight	About 150g
Storage Temperature	-20 -- +70 C, < 90%RH
Operating Temperature	-10 -- +50 C, < 90%RH

\* After 5 minutes warm-up, 20.3 degrees, CW, FC connector, with optic isolator

**ORDERING INFORMATION**



- 1 OS-15S= 1310/1550nm laser 9/125um,single mode(SM)
- 2 OS-15M = 850/1300nm laser 62.5/125um,multi mode(MM)
- 3 OS-15T = 1310/1490/1550nm laser 9/125um,single mode(SM)

### Description

Power meters and VFL are part of the most essential tools for all technicians especially during the installing or maintaining optical fiber networks in customer’s building or premise such as we call it FTTH jobs. GreenTel MV-15 series multi meters are specifically designed for such scenario, a 2-in-1 set which combines power meter and VFL in one unit incredibly facilitates technicians operational experience.

### Features

- 2.5mm universal ferrule for FC, SC, ST adapters
- High resolution LCD screen with back light
- Pocket size design, easy to carry
- Built-in VFL
- Auto-off if no operation in 10 minutes
- Energy save mode
- Reference value storage;
- Power autonomy of 100 hours
- 850/1300/1310/1490/1550/1625nm for PM
- One-year warranty and Three-year recommended calibration interval

## MV-15 Series Optical Multi Meter



### Customization event

- ① OPM Measurement range
- ② VFL power level
- ③ Adaptor type
- ④ AC/DC Charging accessories
- ⑤ OEM service can be provided

#### SPECIFICATIONS

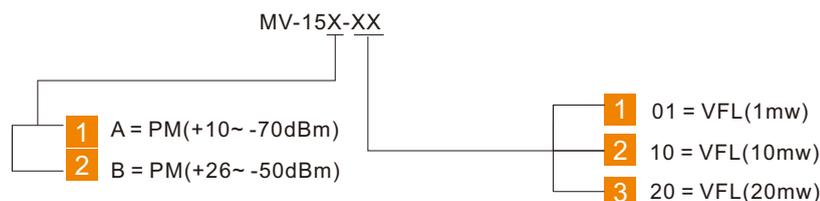
Model	MV-15A-10	MV-15B-10
Measurement Range(dBm)	+10~ -70	+26~ -50
Accuracy *	+/- 0.2 dB	
Calibrated Wavelengths	850nm / 1300nm / 1310nm / 1490nm / 1550nm / 1625nm	
Resolution	0.01dB	
Connector	Pre-installed SC/UPC Adaptor (additional FC/UPC with 2.5mm universal head)	
Reference Value storage	Yes	
Automatic Power Off	No operation in 10 minutes, Low battery alarm	
Back Light	Yes	
Detector Type	In GaAs	
Battery Charge	Yes (optional)	
Wave ID	Yes (when working in pair with GreenTel OS-15 light source)	
Build-in VFL	650nm (default 10mw, optional 20mw) CLASS IIB	
Power Supply	Input:AC 100-240V,50-60Hz Output: DC 5V/550mA	
Battery Life	Above 100 hours	
Power Supply	AA * 2 batteries or AC/DC power supply adapter	

#### GENERAL SPECIFICATIONS

Size(H*W*D)	150mm * 55mm * 35mm
Weight	About 250g
Storage Temperature	-20 -- +70 C, < 90%RH
Operating Temperature	-10 -- +50 C, < 90%RH

\* at 20.3 C, CW, with SC connector, -10dBm  
For 850nm, the Min. Power measurement: -60dBm@OM-15-A, -40dBm@OM-15-B

#### ORDERING INFORMATION



**Description**

The pocket type VFL is the easiest way to identify fibers from end to end and locate connector endfaces. Its red laser shines through most yellow-jacketed fibers to help you trouble-shooting on fiber breaks, tight bends, faulty connections, splices and other causes of signal loss.

GreenTel offers you the world-smallest VFL to the most demanding environment with reliable operation under intensive use and harsh conditions. It is a perfect complementary tool for OTDR because of its capability of finding breaks in the dead zone of OTDR.

**Features**

- Bright red laser at 650nm
- Pulsed and CW operation
- 50 hours of operation (typical)
- Standard AA alkaline batteries
- Rugged and weatherproof design
- 2.5mm universal connector
- One-year warranty and Three-year recommended calibration interval

**OV-15 Series**  
**Visual Fault Locator**



**Customization event**

- ① VFL power level
- ② OEM service can be provided

SPECIFICATIONS				
Model	OV-15-01	OV-15-10	OV-15-15	OV-15-20
Wavelength	650nm +/- 20nm			
Output Power *	> 1mW	> 10mW	> 15mW	> 20mW
Dynamic Distance **	>5 km	>8 km	>12 km	>15 km
Operation Mode	Pulsed (2Hz) and CW			
Connector ***	2.5mm Universal connector			

GENERAL SPECIFICATIONS	
Size(H*W*D)	138mm *59mm * 20mm
Weight	130g
Storage Temperature	-20 -- +70 C, < 90%RH
Operating Temperature	-10 -- +50 C, < 90%RH

\* After 5 minutes warm-up, 20+/- 3 degrees, CW, FC connector  
 \*\* The distance is tested by G.655, single mode, lab level fiber  
 \*\*\* Standard connector is 2.5mm UPP, 1.25mm UPP will be customized and increase the cost

**ORDERING INFORMATION**

Model OV-15-X  
 Output Power: \_\_\_\_\_  
 1 01 = 1mw  
 2 10 = 10mw  
 3 15 = 15mw  
 4 20 = 20mw

**Description**

Light Source, Power meter and VFL are part of the most essential tools for all technicians especially during the installing or maintaining optical fiber networks in customer's building or premise such as we call it FTTH jobs. GreenTel MSV-15 series optical loss tester is specifically designed for such scenario, a 3-in-1 set which combines light source, power meter and VFL in one unit incredibly facilitates technicians operational experience, an optional LAN testing function for RJ11 and RJ45 .

**Features**

- 2.5mm universal ferrule for FC, SC, ST adapters
- High resolution LCD screen with back light
- Pocket size design, easy to carry
- Built-in -5dBm Light Source and VFL
- Auto-off if no operation in 10 minutes
- Energy save mode
- Reference value storage;
- Power autonomy of 100 hours
- 850/1300/1310/1490/1550/1625nm for PM
- One-year warranty and Three-year recommended calibration interval

**MSV-15 Series  
Optical Loss Tester**



**Customization event**

- ① OPM measurement range
- ② VFL power level
- ③ With or without LAN testing
- ④ OLS output can be customized
- ⑤ OEM service can be provided

**SPECIFICATIONS**

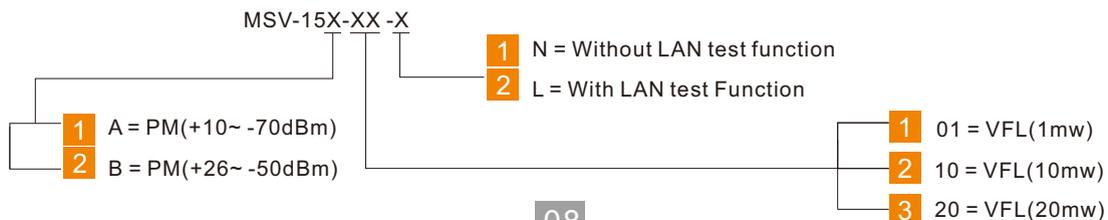
Model	MSV-15A-10	MSV-15B-10
Measurement Range(dBm)	+10~ -70	+26~ -50
Accuracy *	±5%±1nW	±5%±10nW
Calibrated Wavelengths	850nm / 1300nm / 1310nm / 1490nm / 1550nm / 1625nm	
Resolution	0.01dB	
Connector	Pre-installed SC/UFC Adaptor (additional FC/UFC with 2.5mm universal head)	
Reference Value storage	Yes	
Automatic Power Off	No operation in 10 minutes, Low battery alarm	
Back Light	Yes	
Detector Type	In GaAs	
Light Source	1310/1550nm (optional 1310/1490/1550nm) , Output: -5dBm	
Wave ID	Yes (when working in pair or with GreenTel OS-15 light source)	
Build-in VFL	650nm CLASS I (default 10mw, optional 1mw or 20mw)	
LAN Test Function	Optional(RJ45 + RJ11)	
Battery Life	Above 100 hours	
Power Supply	AA * 2 batteries or AC/DC power supply adapter	

**GENERAL SPECIFICATIONS**

Size(H*W*D)	145mm * 58mm * 30mm
Weight	About 320g
Storage Temperature	-20 -- +70 C, < 90%RH
Operating Temperature	-10 -- +50 C, < 90%RH

\* at 20.3 C, CW, with SC connector, -10dBm  
For 850nm, the Min. Power measurement: -60dBm@MSV-15A, -40dBm@MSV-15B

**ORDERING INFORMATION**



**Description**

The GFI Live Fiber Identifier allows you to detect traffic and measure signals anywhere on singlemode fibers without having to disconnect them. It also lets you check for signal presence before rerouting or maintenance, perform continuity tests and verify cable labeling.

Based on non-destructive macrobending technology, the GFI doesn't disrupt traffic, damage or overstress the fiber, enabling efficient, accurate and reliable data acquisition.

**Features**

- Indicate the signal directions in fiber
- Indicate the signal presence or absence (Live or dark fiber)
- Detect tones 270Hz, 1kHz and 2kHz to verify the modulated signal type
- Handhold design
- Build in VFL 1mW or 10mW optional
- Battery low indication
- Powered by 2 units of 1.5V AA batteries
- One-year warranty and Three-year recommended calibration interval

**GFI Series**  
**Optical Fiber Identifier**



**Customization event**

- ① VFL power level
- ② OEM service can be provided

SPECIFICATIONS			
Model	GFI-400	GFI-420S	GFI-420L
Wavelength Range	800 to 1700nm (SM)		
Recognizable signal type*	CW, 2kHz, 1kHz, 270Hz +/-10%		
Detector Type	InGaAs 2pcs		
Fiber Type	0.9, 0.25, 2.0, 3.0 mm fiber		
Sensitivity	+10 ~ -50dBm		
Accuracy *	+10dB to -30 dBm (Continuous Wave) / +10dB to -25 dBm (Modulated Signal)		
LED Indicator	Signal direction; signal frequency (2kHz/1kHz/270Hz); low battery		
Visual Fault Locator	No	1mW	10mW
Power Supply	AA * 2		
Size(H*W*D)	230mm * 45mm * 45mm		
Weight	200g		
Storage Temperature	-20 -- +70 C, < 90%RH		
Operating Temperature	-10 -- +50 C, < 90%RH		

GENERAL SPECIFICATIONS	
Size(H*W*D)	230mm * 45mm * 45mm
Weight	About 200g
Storage Temperature	-20 -- +60 C, < 90%RH
Operating Temperature	-10 -- +50 C, < 90%RH

\* at 20.3 degrees, indoor, 1550nm wavelength, 0.9mm fiber, with white coat, 270Hz, error < 5%  
 \* 0.25, 2.0, 3.0mm fiber, the performance at continuous wave will be lower  
 \* 1kHz, 2kHz, the performance at modulated signal will be lower  
 \* at 1310nm wavelength, the performance will be lower

**ORDERING INFORMATION**



- 1 GFI-400: Standard live fiber identifier without VFL
- 2 GFI-420S: Standard live fiber identifier with 1mw VFL
- 3 GFI-420L: Standard live fiber identifier with 10mw VFL

## Description

The GVA50 optical variable attenuator is designed for optimal flexibility and field usability, the GVA50 delivers the highest performance within handheld optical attenuator on the market, it is an ideal tool for telecom technicians to do the pre-test before the maintenance.

## Features

- Compact and rugged portable design
- Three wavelengths: 1310nm / 1490nm / 1550nm
- Different attenuator range, 40dB, 60dB or 80dB
- Can save current value as reference
- Can save 10 tracks attenuation value
- Memorize the value after instruments shut down
- Energy save mode
- One-year warranty and Three-year recommended calibration interval

## GVA50 Series

### Optical Variable Attenuator(Digital)



### Customization event

- ① Attenuation range
- ② Connector type
- ③ OEM service can be provided

#### SPECIFICATIONS

Model	GVA50-40	GVA50-60	GVA50-80
Attenuating Range	40 dB (SM)	60 dB (SM)	80 dB (SM)
Calibrated Wavelengths	1310nm / 1490nm / 1550nm		
Fiber Mode	9/125um		
Attenuating Mode	Digital		
Display Resolving Power	0.1 dB		
Display	LCD, 128*64		
Max Input Power	+ 28 dBm		
Return Loss*	> 40 dB		
Insertion Loss*	< 2.5 dB		
Optical Connector	FC/PC (or customize other connectors)		
Uncertainty	+/- 0.5 dB		
Repeatability*	+/- 0.2 dB		
RS-232	Optional		
Auto Power Off	No operation in 10 minutes (can be canceled), Low battery energy		
Battery Charge	Yes		
Operate Time	Above 20 hours		
Power Supply	3 * AA batteries or AC/DC adapter		

#### GENERAL SPECIFICATIONS

Size(H*W*D)	190mm *90mm * 40mm
Weight	about 450g
Storage Temperature	-20 -- +60 C, < 90%RH
Operating Temperature	-10 -- +50 C, < 90%RH

\* at 20±3°C, CW, with FC/PC connector, 1550nm

#### ORDERING INFORMATION

GVA50-XX Model

- 1 GVA50-40 = 40dB
- 2 GVA50-60 = 60dB
- 3 GVA50-80 = 80dB

### Description

GreenTel GPN80 series PON Power meter is developed for a quick, on-site testing of all PON signals, anywhere on the network. It is capable to measure the concurrent upstream/downstream data via a pass-through connection, with simulating software management capabilities and enhanced ruggedness, it increases the efficiency of technician's daily deployment activities.

Moreover, its visual fault locator port allows for easy fiber identification and macrobend location. This handheld unit also features pass/fail indications with use-defined thresholds.

### Features

- Automated pass/fail assessment
- Quick and efficient visual inspection
- Providing distinct power values for 1310 nm, 1490 nm and 1550 nm
- Pass through measurement
- Simultaneously measure and display the concurrent voice, data and video signals on different pon architectures
- Manual calibration
- One-year warranty and three-year recommended calibration interval

## GPN80 Series PON Power Meter



### Customization event

- ① Attenuation range
- ② Connector type
- ③ OEM service can be provided

#### SPECIFICATIONS

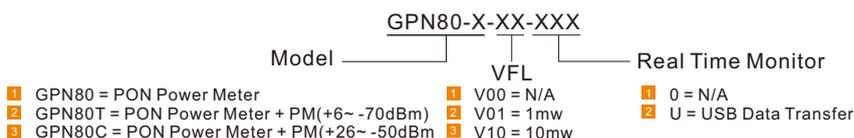
Model	GPN80
Measurement Range(dBm)	1310 nm: +10 ~ - 35 dBm/1490 n m: +10 ~ - 50 dBm/1550 nm: +25 ~ - 45 dBm
Pass Through Loss	< 1.5 dB
Accuracy *	+/- 0.2 dB (burst signal: < 0.5dB)
Threshold sets	10
Data Storage	100
Connector	SC/UPC ( or customize )
Auto Power Off	No operation in 10 minutes (can be canceled), Low battery energy
Battery Charge	Yes
Connect To PC	Optional function
Manual Calibration	Yes
Operate Time	Above 36 hours
Power Supply	3* AA batteries or AC/DC power supply adapter

#### GENERAL SPECIFICATIONS

Size(H*W*D)	Size(H*W*D)
Weight	Weight
Storage Temperature	Storage Temperature
Operating Temperature	Operating Temperature

\* at 20.3 degrees, with SC/PC connector, -10dBm

#### ORDERING INFORMATION



### Description

There is always plenty to talk about during fiber-optic cable installation and maintenance, however not everywhere we can talk to each other especially installing cables in areas with no existing signal coverage, now the AOT600 Optical Talk Set lets you do just that. It is designed to allow voice communication over fiber optic cables. It can also be used as a light source to facilitate testing and fiber identification.

### Features

- Talk by connecting with fiber
- Light source capabilities
- Full-duplex communication with high quality
- Long and short mode for different distance
- Wide dynamic range: 45dB; Large dynamic distance: >120km
- Keep pressing “call” can remind each other
- Power autonomy of 70 hours
- One-year warranty and Three-year recommended calibration interval

## AOT600 Series Optical Talk Set



### Customization event

- ① Connector type
- ② Need clip-on device or not
- ③ OEM service can be provided

#### SPECIFICATIONS

<b>Model</b>	<b>AOT600</b>
Wavelength	A: 1310nm, B: 1550nm
Operating Style	Full duplex communication
Output Power	> -5dBm
Fiber Type	SM
Dynamic Distance*	SM fiber: > 120 km
Dynamic Range*	SM fiber: 45dB
Connecting Adapter	FC / PC
Battery Charge	Optional
Operate Time	Above 12 hours
Power Supply	2 * AA batteries or AC/DC adapter

#### GENERAL SPECIFICATIONS

Size(H*W*D)	190mm * 75mm * 40mm
Weight	About 200g
Storage Temperature	-20 -- +60 degrees, < 90%RH
Operating Temperature	-10 -- +50 degrees, < 90%RH

\* not use the fiber clamp for connecting

**Description**

GT-0708 is an extremely light and reliable cleaver for the fiber optical installation and maintenance. With the excellent portability, it is one of the most essential tools for FTTx applications and site splice works.

The blade is made by tungsten alloy which features extraordinary sharp for the cleaving of optical fiber, which enhances the performance of fusion splice or mechanical splice. 16 positions and 3 adjustable blade heights allows multiple uses without sacrificing the cleaving quality.

**Features**

- Compact body&metal base
- Pull-return blade mechanism
- 48,000 fibers blade life(3 height\*16 position\*1000 fibers)
- Simple&two-step operation
- Detachable fiber scrap collector available for GT-0708 as option
- Different types of fiber holder available for not only bare but also drop cable

**GT-0708 Series  
Fiber Optical Cleaver**



**SPECIFICATIONS**

Description	GT-0708 Universal Fiber Cleaver
Applicable Fiber	Conventional silica optical fiber
Fiber Count	Single fiber
Fiber Diameter	125um
Fiber Placing	Fiber holder(suitable for drop cables, patchcords and bare fiber)
Coating Diameter	250 to 900 um, 2mm, 3mm, 3.5mm
Cleaving Length	250um: 9 to 16 mm, 900um: 10 to 16mm
Cleaving Angle	0.5 degrees variable (single mode fiber)
Blade Change	User replaceable
Blade Life	48000 fibers(1,000 fibers * 16 positions * 3 heights)
Dimensions	63W * 76D * 63H(mm)
Weight	420g

**Standard Package**

Description	Model No.	GT-0708
Main body	GT-0708	1 pcs
Fiber plate	FP-100	1 pcs
Carry bag	CB-100	1 pcs
Instruction manual		1 pcs

**Optional Items**

Description	Model No,	Note
Blade for GT-0708	RB-325	user replaceable
Crab fiber collector	CFC-100	

**Description**

GT-0711 is an extremely light and reliable cleaver for the fiber optical installation and maintenance. With the excellent portability, it is one of the most essential tools for FTTx applications and site splice works.

The blade is made by tungsten alloy which features extraordinary sharp for the cleaving of optical fiber, which enhances the performance of fusion splice or mechanical splice. 16 positions and 3 adjustable blade heights allows multiple uses without sacrificing the cleaving quality.

**Features**

- Compact body&light weight
- Pull-return blade mechanism
- 48,000 fibers blade life(3 height\*16 position\*1000 fibers)
- Simple&two-step operation
- Detachable fiber scrap collector available for GT-0711 as option
- Different types of fiber holder available for not only bare but also drop cable

**GT-0711 Series  
Fiber Optical Cleaver**



**SPECIFICATIONS**

Description	GT-0711 Universal Fiber Cleaver
Applicable Fiber	Conventional silica optical fiber
Fiber Count	Single fiber
Fiber Diameter	125um
Fiber Placing	Fiber holder(suitable for drop cables, patchcords and bare fiber)
Coating Diameter	250 to 900 um, 2mm, 3mm, 3.5mm
Cleaving Length	250um: 9 to 16 mm, 900um: 10 to 16mm
Cleaving Angle	0.8 degrees variable (single mode fiber)
Blade Change	User replaceable
Blade Life	48000 fibers(1,000 fibers * 16 positions * 3 heights)
Dimensions	58W * 55D * 55H(mm)
Weight	280g

**Standard Package**

Description	Model No.	GT-0711
Main body	GT-0711	1 pcs
Fiber plate	FP-100	1 pcs
Carry bag	CB-100	1 pcs
Instruction manual		1 pcs

**Optional Items**

Description	Model No,	Note
Blade for GT-0711	RB-325	user replaceable
Crab fiber collector	CFC-100	

**Description**

GT-1716 is an extremely light and reliable cleaver for the fiber optical installation and maintenance. With the excellent portability, it is one of the most essential tools for FTTx applications and site splice works.

The blade is made by tungsten alloy which features extraordinary sharp for the cleaving of optical fiber, which enhances the performance of fusion splice or mechanical splice. 16 positions and 3 adjustable blade heights allows multiple uses without sacrificing the cleaving quality.

**Features**

- Compact body&light weight
- Self-return blade mechanism
- 48,000 fibers blade life(3 height\*16 position\*1000 fibers)
- Simple&single-step operation
- Detachable fiber scrap collector available for GT-1716 as option
- Different types of fiber holder available for not only bare but also drop cable

**GT-1716 Series  
Fiber Optical Cleaver**



SPECIFICATIONS	
Description	GT-1716 Universal Fiber Cleaver
Applicable Fiber	Conventional silica optical fiber
Fiber Count	Single fiber
Fiber Diameter	125um
Fiber Placing	Fiber holder(suitable for drop cables, patchcords and bare fiber)
Coating Diameter	250 to 900 um, 2mm, 3mm, 3.5mm
Cleaving Length	250um: 9 to 16 mm, 900um: 10 to 16mm
Cleaving Angle	0.5 degrees variable (single mode fiber)
Blade Change	User replaceable
Blade Life	48000 fibers(1,000 fibers * 16 positions * 3 heights)
Dimensions	58W * 55D * 52H(mm)
Weight	280g

Standard Package		
Description	Model No.	GT-1716
Main body	GT-1716	1 pcs
Fiber plate	FP-100	1 pcs
Carry bag	CB-100	1 pcs
Instruction manual		1 pcs

Optional Items		
Description	Model No,	Note
Blade for GT-1716	RB-325	user replaceable
Crab fiber collector	CFC-100	

**Description**

The FTTH construction is booming everywhere and quite a lot of places are down to the premise stage, this requires the engineers to have a all-in-one Tool Kits for the in-house installation which include the last mile installation, activation and fiber inspection.

GreenTel launches the GTK-300 series FTTx installation tool bag which including a OPM, VFL, fiber cleaver, fiber coating stripper, drop cable stripper, alcohol bottle and kevlar scissor.



**GTK-300 Series  
FTTx Installation Tool Bag**



**VFL (Visual Fault Locator)**

Model	OV-15-01
Wavelength	650nm +/- 20nm
Output Power *	> 1mW
Dynamic Distance **	>5 km
Operation Mode	Pulsed (2Hz) and CW
Connector ***	2.5mm Universal connector

**OPM (Optical Power Meter)**

Model	OM-15A	Or	OM-15B
Wavelength(nm)	850/1300/1310/1490/1550/1625		
Mesurement Range(dBm)	-70 to +10	Or	-50 to +26
Connerctor	2.5mm Universal connector + default SC/UPC adaptor		

**Fiber Cleaver**

Model	CLV-100C
Coating Diameter	250 to 900um, 2mm, 3mm, 3.5mm (Drop cable cleaving is supported)
Cleaving Angle	0.5 degrees typical (single mode fiber)
Blade Life	54000 fibers (1500 fibers * 12 positions * 3 heights)

\* After 5 minutes warm-up, 20+/- 3 degrees, CW, FC connector  
 \*\* The distance is tested by G.655, single mode, lab level fiber  
 \*\*\* Standard connector is 2.5mm UPP, 1.25mm UPP will be customized and increase the cost

**List of Items in GTK-300**

Description:	Model:	Quantity:	Remarks:
Optical Power Meter	OM-15A	1 pcs	OM-15B is optional
Visual Fault Locator	OV-15-1	1 pcs	OV-15-10 is optional
Drop Cable Stripper	DCS-100	1 pcs	
Fiber Coating Stripper	FCS-100	1 pcs	
Kevlar Scissor	FKS-100	1 pcs	
Fiber Cleaver	CLV-100C	1 pcs	
Alcohol Bottle	AHB-09	1 pcs	

**Description**

There is always plenty to do before the splicing job begins especially in the field, the changing environment requires field engineers to have an all-in-one Cleaning Kits for the fiber inspection and preparation before they officially start the cabling and splicing works to ensure the fiber optical network quality up to standard.

GreenTel GTK-400 series and GTK-500 series FTTx cleaning tool bag are launched to bring all the necessary tools together to assist field engineers to eliminate all the possible obstacles it might happen on the field.

**GTK-400 Series**  
**Field Cleaning Tool Bag**



No	GTK-400 Tool Bag Accessories List
1	One click cleaner 1.25mm
2	One click cleaner 2.5mm
3	OAM fiber optical connector cleaner
4	OAM replacement reel
5	OAM fiber adaptor cleaning swab 200 pcs
6	CRC dust spray
7	KIMTECH IPA cleaning wipes
8	Alcohol bottle
9	Carrying bag

\* Note: CRC dust spray can only be delivered by sea due to aircraft regulation

**GTK-500 Series**  
**Field Polishing Toolkit**



No	GTK-500 Toolkit Accessories List
1	CFS-2 fiber optical stripper
2	Kevlar scissors
3	Fiber scribe
4	Fiber jacket stripper
5	Universal connector Crimper
6	45-162 buffer tube stripper
7	Round cable jacket stripper
8	400x fiber optical microscope
9	Piano wire
10	4-in-1 Pen size magnetic screwdriver
11	Tweezers
12	24 Port connector heat oven
13	EPO-TEK 353ND epoxy
14	Epoxy injection syringe(3ml)
15	5um Polish film - 10 sheets
16	1um Polish film - 10 sheets
17	0.5um Polish film - 10 sheets
18	2.5mm universal polish puck
19	1.25mm universal polish puck
20	5.9" Rubber polish pad
21	5.9" Glass polish pad
22	Black work mate
23	IPA Fiber cleaning wipes
24	Kimtech wipes(280 pcs/box)
25	Cleaning swab
26	250ml Alcohol dispenser bottle
27	3M Insulation tape
28	Utility knife
29	Utility component box
30	Marker pen

## One Hole Fiber Stripper

### Features

- For stripping 250um buffer coating to expose 125um cladded fiber
- Ergonomic design, comfortable handing
- Industrial standard high quality rubber hander
- Pre-set at the factory - no adjustments needed
- Will not scratch or nick glass fiber
- Length: 135mm; weight: 71g



PartNumber	Description
FO103-S	Fiber Stripper

## Two Hole Fiber Stripper

### Features

- For stripping 250um buffer coating to expose 125um cladded fiber
- Ergonomic design, comfortable handing
- 140um diameter hole and V-opening in blade allows removal of 250um buffer coating from 125um fiber
- Pre-set at the factory - no adjustments needed
- Will not scratch or nick glass fiber
- Length: 165mm; weight: 113g



PartNumber	Description
CFS-2	Fiber Stripper

## Three Hole Fiber Optic Stripper

### Features

- For stripping 250um buffer coating to expose 125um cladded fiber
- Second hole for stripping 2-3mm fiber jackets
- 140um diameter hole and V-opening in blade allows removal of 250um buffer coating from 125um fiber
- Pre-set at the factory - no adjustments needed
- Will not scratch or nick glass fiber
- Length: 165mm; weight: 113g



PartNumber	Description
CFS-3	Fiber Stripper

## Kevlar Scissors

### Features

- To cut Kevlar strength member in fiber optic cable
- Ergonomic design, comfortable for handling
- One micro-serrated blade reduces slippage for more positive cutting action
- Dimension: 142\*75\*18mm
- Weight: 66g



PartNumber	Description
LW-9011Z	KevlarScissors

## Drop Cable Stripper

### Features

- For stripping 3.1x2.0mm drop cable
- Ergonomic design, comfortable handing
- With tick marks, easy to use
- Can cut the strength member of drop cable
- Will not scratch or nick glass fiber
- Length: 113mm; weight: 172g



PartNumber	Description
CP-FB01	Drop Cable Stripper

## Vertical Cable Sheath Cutter

### Features

- Impact resistant plastic material
- Double bladed knife made from hardened special steel
- Adjustable slitting depth according to specific cable diameter
- Two adapters for both different types of cable (Grey for ADSS/OPGW cable, yellow for optical fiber)
- Will not scratch or nick glass fiber
- Length: 155mm; weight: 184g



PartNumber	Description
KMS-K	Vertical Cable Sheath Cutter

## Round Cable Sheath Cutter

### Features

- Electroplating surface treatment
- Composed with high quality metal blade, more durable
- Body made by metal alloy, nice and neat
- Will not scratch or nick glass fiber
- Length: 130mm; weight: 240g



PartNumber	Description
EACKER	Round Cable Cutter

## Online Optical Cable Sheath Stripper

### Features

- Perfect for online non-stop traffic cable sheath stripping
- Can use it for both vertical and horizontal cable sheath stripping
- Highly improved cable fixture jig, can strip from anywhere of the cable
- Adjustable slitting depth according to specific cable diameter
- Ratchet wheel design, highly improved the stripping efficiency
- Durable blades, compact design, time saving
- Dimension: 290\*200\*90mm
- Weight: 0.8kg



PartNumber	Description
CC-10	Online Optical Cable Sheath Stripper

### Cable Buffer Tube Cutter

#### Features

- Ideal cutter for cable buffer tube
- Suitable for 0-3.2mm cable jacket cutting
- Adjustable blade to avoid damaging cable
- Horizontal cutting and vertical sliding cut
- Light weight, small size, easy operation
- Applicable for twisted cable, power cable, CATV cable and optic cable



PartNumber	Description
45-162	Cable Buffer Tube Cutter

### Cable Buffer Tube Cutter

#### Features

- Ideal cutter for cable buffer tube
- Suitable for 3.2-5.6mm cable jacket cutting
- Adjustable blade to avoid damaging cable
- Horizontal cutting and vertical sliding cut
- Light weight, small size, easy operation
- Applicable for twisted cable, power cable, CATV cable and optic cable



PartNumber	Description
45-163	Cable Buffer Tube Cutter

### Cable Buffer Tube Cutter

#### Features

- Ideal cutter for cable buffer tube
- Suitable for 4.8-7.9mm cable jacket cutting
- Adjustable blade to avoid damaging cable
- Horizontal cutting and vertical sliding cut
- Light weight, small size, easy operation
- Applicable for twisted cable, power cable, CATV cable and optic cable



PartNumber	Description
45-165	Cable Buffer Tube Cutter

### Cable Buffer Vertical Slitter

#### Features

- Ideal for cable buffer tube vertical slitting
- Suitable for 1.5-3.3mm cable jacket cutting
- Adjustable blade to avoid damaging cable
- Vertical sliding cut slitter
- Light weight, small size, easy operation



PartNumber	Description
Slitter-20	Cable Buffer Slitter

**Description**

There is always contaminants in the optical ferrule and ceramic sleeves which might result an improper test performance and in the worst case, it might affect the quality of whole fiber optical distribution network which is something nobody would expect to happen. However cleaning on optical ferrule is not always an easy job to do, the very limited space is the main challenge for it.

OCC one click cleaner is designed to provide a perfect solution for the fiber optical ferrule & connector ceramic sleeves. It is composed by a special cleaning reel and extendable nuzzle with simply one clicking to finish the job. It meets the most rigorous cleaning environmental requirements.

**Features**

- Suitable for the cleaning of both fiber ferrule and ceramic sleeve
- Can be used for 2.5mm, 1.25mm, 2.0mm, 1.6mm, MPO ferrules
- Cleaning cycles up to 800 times
- Simple operation, easy to use
- Antistatic finish design
- Dimension: 185x25x25mm; weight: 34g(1.25mm&2.5mm)/200x25x25mm; weight: 39g(1.6mm&2.0mm)

**CLEP Series  
One-Click-Cleaner**



PartNumber	Description
CLEP-25	One-Click-Cleaner 2.5mm



PartNumber	Description
CLEP-125	One-Click-Cleaner 1.25mm



PartNumber	Description
CLEP-20	One-Click-Cleaner 2.0mm



PartNumber	Description
CLEP-25-M	One-Click-Cleaner 2.5mm Mini Type 128x41x23mm, 29g



PartNumber	Description
CLEP-125-M	One-Click-Cleaner 1.25mm Mini Type 128x41x23mm, 29g



PartNumber	Description
CLE-MPO-T	One-Click-Cleaner MPO Type 22.5x6.5x3cm, 76g



PartNumber	Description
CLE-MPO	One-Click-Cleaner MPO Type 22.5x6.5x3cm, 84g



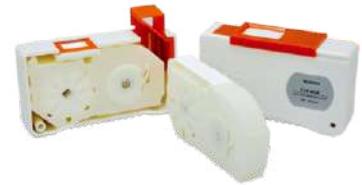
PartNumber	Description
CLEP-16	One-Click-Cleaner 1.6mm

## Description

GreenTel provides various cleaning tools. Including cleaning cassettes, cleaning sticks and cleaning IPA wipes. Optical fiber and equipment are high precise, in most situation the performance of a optical fiber a equipment is depend on the cleaning level of the connection port or end-face, even a little dirt can affect the performance. So the cleaning tools are very essential. With these cleaning tools, user can clean a fiber termination, a insertion port of a important optical instrument, ensure the performance of a testing equipment and etc.

## Features

- Easy to use
- Depth cleaning
- Better cost-performance Ratio



PartNumber	Description
CLE-BOX	Optical fiber cleaning cassette

## Specification

### Cleaning cassettes

Connector type	SC, FC, ST, DIN, D4, MU, LC, MT
Working life	>500 times/ cartridge
Working temperature	10C~60C
Storage temperature	4C~60C
Humidity	20%~80% R.H.
Size (mm)	115*79*32
Weight(g)	200

### Cleaning stick

Diameter	2.5mm/1.25mm
Connector type	SC, SC2, FC, ST, DIN, D4, MU, LC, MT
Working temperature	10C~60C
Storage temperature	4C~60C
Humidity	20%~80% R.H.
Dimension	2.5mm*145mm / 1.25mm*100mm

### Cleaning IPA wipes

Connector type	SC, SC2, FC, ST, DIN, D4, MU, LC, MTSC, SC2, E2000, Rx4.5
Working temperature	10C~60C
Storage temperature	4C~60C
Humidity	20%~80% R.H.
Dimension (mm)	15.24*15.24

### Kimwipes

Layer Number	single layer
Color	white
Package	280 pieces/box
Fiber Mode	single mode & multi-mode
Fiber Type	G.652, G.657, OM1, OM2, etc
Connector Type	SC, FC, ST, LC, etc

### Alcohol Dispenser Bottle

Volume	100ml	200ml	250ml
Dimension (mm)	80*52*52	105*52*52	128*52*52
Fiber Mode	single mode & multi-mode		
Fiber Type	G.652, G.657, OM1, OM2, etc		



PartNumber	Description
CLS2-001	Φ2.5mm cleaning stick



PartNumber	Description
CLS2-002	Φ1.25mm cleaning stick



PartNumber	Description
IPA2-001	Cleaning IPA wipes



PartNumber	Description
Kimwipes	Cleaning tissue



PartNumber	Description
GT-ADB-100	Alcohol Dispenser Bottle

**Description**

FVM-100 is a portable, video microscope used to inspect all kinds of fiber optic terminations, especially for the female ones. It eliminates the need to access the backside of patch panels or disassemble hardware devices prior to inspection.

**Features**

- Convenient using both for male and female adapters
- Widely used in DWDM, SDH, SONET etc
- Magnification: 250 via 3.5" 220,000 pixels TFT LCD
- Available for USB 2.0 Interface on PC and data saving

**Specification**

Magnification	400x(9" Monitor) 250x(3.5" Monitor)
Resolution Ratio	0.5 um
Display Screen	3.5" TFT-LCD, 960X240 pixels
Video Output	NTSC/PAL

**FVM-100 Series**  
**Hand-held Inspection Probe**



**Applications**

Tips Type	Function Description
25-U-M	FC/SC/ST/E2000 patch cord UPC connector
125-U-M	LC/MU patch cord UPC termination
25-A-M	FC/SC/ST/E2000 patch cord APC connector
125-A-M	LC/MU patch cord APC termination
25-U-F	FC/SC/ST/E2000 UPC bulkhead
125-U-F	LC UPC bulkhead
SC-A-F	SC APC bulkhead
FC-A-F	FC APC bulkhead
LC-A-F	LC APC bulkhead

**Other Parts**

Power Supply	3.7V 4500mA/5V 1A Li Battery
Weight	1.5kg
Work/Storage	-20C ~ +50C / -30C ~ +60C

**Standard Package**

Inspection Probe	3.5" monitor
25-U-M	125-U-M
25-U-F	125-U-F
Instruction manual	Recharger
Carrying bag	Li-on Battery

**Optional Items**

25-A-M	125-A-M
SC-A-F	FC-A-F
LC-A-F	AV-USB 2.0 Converter

**Description**

FVM-101/102 are portable, video microscope used to inspect all kinds of fiber optic terminations, especially for the female ones. It eliminates the need to access the backside of patch panels or disassemble hardware devices prior to inspection.



Applications	
Tips Type	Function Description
25-U-M	FC/SC/ST/E2000 patch cord UPC connector
125-U-M	LC/MU patch cord UPC termination
25-A-M	FC/SC/ST/E2000 patch cord APC connector
125-A-M	LC/MU patch cord APC termination
25-U-F	FC/SC/ST/E2000 UPC bulkhead
125-U-F	LC UPC bulkhead
SC-A-F	SC APC bulkhead
FC-A-F	FC APC bulkhead
LC-A-F	LC APC bulkhead

**Specification**

Magnification	400x(10"Monitor) or 200x(3.5"Monitor)
Resolution Ratio	0.75 um
Display Screen	3.5" TFT-LCD, 320X240 pixels(FVM-101) 10" TFT-LCD, 1024X768 pixels(FVM-102-B)
Operating System	Window/Linux(FVM-102-A)
Power Supply	12.6V Li-on Battery
Probe Dimension	22*3*3cm
Monitor Dimension	17*10*4.5cm (FVM-101) 26.5*22*4.5cm (FVM-102-B)
Probe Weight	0.14kg
Monitor Weight	0.4kg (FVM-101) 1.5kg (FVM-102-B)
Work/Storage	-20C~+50C / -30C~+60C

Standard Accessories	FVM-101	FVM-102
Probe(200x or 400x)	Yes	Yes
4 Tips(125-U-M/25-U-M/125-U-F/25-U-F)	Yes	Yes
3.5"monitor & 12V AC/DC adapter	Yes	No
Analysis Software & USB key	No	Yes
Manual & Carrying Bag	Yes	Yes

Optional Accessories
3.5" SD-monitor; BNC converter; USB converter; Tips

**FVM-100 Series  
Hand-held Inspection Probe**



PartNumber	Description
FVM-101	4-Pin Regular Inspection Probe



PartNumber	Description
FVM-102-A	USB Analysis Inspection Probe
<b>Features</b>	USB1.0/1.1/2.0 output Analysis Software Windows;LinuxSystem



PartNumber	Description
FVM-102-B	USB Analysis Inspection Probe
<b>Features</b>	Probe+BNC converter Application:MainlyIndoor Advantage:Economy



PartNumber	Description
FVM-102-C	Inspection Probe

# Company Profile

## Certificates



ISO 9001



TLC Management System



TLC Fiber Connector



TLC Fiber Splice Closure



TLC Fiber Distribution Cabinet



TLC Fiber Termination Box



TLC Fiber Distribution Hub



TLC Fiber PLC Splitter

## Exhibitions



OFC in USA



ECOC in Europe



GITEX in UAE



CommunicAsia in Singapore



NETCOM in Brasil



CIOE in Shenzhen, China



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Green Telecom Tech.Co.,Ltd.  
No.192,Beixing Road,Mazhu Town  
Yuyao City,315450 P.R.China

Tel: +86-574-6242 8462  
Fax: +86-574-6248 1666  
Email: [info@greentel-tech.com](mailto:info@greentel-tech.com)